

the CARRIER

W6CX

the MOUNT DIABLO AMATEUR RADIO CLUB

ARRL SPECIAL SERVICE CLUB

Volume XXXX - Issue 5 -May 1993

Editor - Greydon H. Hicks, KC6SLE

Distribution: Jay Caldis, KT6Y, Walt Ebbett, KB6QIB,
and George Jones, KI6YK

The opinions expressed in the Carrier are solely those of the author and do not necessarily reflect the opinions of either the Board of Directors or membership of MDARC unless the author is a member of the MDARC Board of Directors and is speaking in an official capacity.

WHERE IS THE PRESIDENT?

Dick Schulze, the President of MDARC, has been reported missing by Jay Caldis, KT6Y. What does this mean? Where could he be? Well Jay doesn't know for sure, but it's rumored that he is in Europe on club business. Being the leader of MDARC is so easy that he put it on autopilot and went to another country! Well, George Bush did it so why not Dick Schultz.

When pressed to defend his statements, Jay admits that it is possible that Dick is actually on vacation rather than club business. Caldis' does find it interesting that Pete Tormey just spent close to a month in Europe as well. Being of a suspicious nature, he also notes that Dick Schulze is the current President and Pete is the prior President and Chairman of the Pacificon '93 Committee. Is there a pattern here? How are they funding these ventures? Well Jay would be the last person to liable a retired attorney (he admits that he can't afford it), but he advises everyone keep an eye on Stan Christain; if he books a trip to another country we could all be in big trouble.

W6LKE - SK

Amateur radio operators throughout the world will mourn the death of Dwayne Eskridge, W6LKE. Dwayne was a long time member of the Mount Diablo Amateur Radio Club. He died April 30, 1993 after a short illness. He is survived by his wife Virginia and two adult children.

He was the East Bay Section Emergency Coordinator for RACES. He was also active in the Official Observer organization. In his professional life, he was active in law enforcement, including many years as an agent for the FBI. Many people recall that he was installing radio equipment for the FBI at Pearl Harbor on December 7, 1941 which he used to notify his superiors in Washington of the attack. He was involved as an adult scout in the Boy Scouts of America and taught many youths the value and beauty of his hobby, amateur radio.

Remembrances may be sent to the Cambridge Community Center Seniors Program at 1135 Lacey Lane, Concord 94520.

Minutes of General Meeting **Mt. Diablo Amateur Radio Club**

April 16, 1993 110 people in attendance

The general business meeting was held at 8:25 PM during a brake in the Spring Auction. During introductions, John Percival, WI6O was recognized as Systron Donner's "person of the year". Past President Pete Tormey presented the "Ham of the Year" award to Gerard White, WB6IZE. A public Service award was also presented to Wayne Merryman, WB6WZV. The minutes of the last meeting, as they appeared in the Carrier, were approved.

No other business was conducted and the meeting was adjourned at 8:29. The Auction resumed and was concluded at 10:30 PM.

Respectfully Submitted,
Tom Seabury, Secretary, KC6SYG @ NNY BBS

Minutes of Board Meeting **Mt. Diablo Amateur Radio Club**

The April Board meeting was held on April 19 at VP Dick Tomsik's house. The meeting was called to order at 7:30 by President Dick Schulze. Present were Tres., Stan Christain, VP Dick Tomsik, Sect., Tom Seabury, Membership Chair, George Jones, and Director Dick Brown. Director Brown corrected the minutes of the last (March '93) Board meeting to read that he will be submitting an article on the club Call, W6LGW and not W6CX. The minutes were then approved as corrected.

The Auction was discussed and it was reported that a profit of about \$1000.00 was realized. Approximately \$700.00 was from donated equipment and about \$300 from commission on sales. A more detailed report will be coming from the treasure. The next Auction will be held September 17, 1993.

The treasure's report was submitted and discussed. The EC and Carrier Editor were missing. Membership chair, George Jones reported the present membership at 484.

The suggestion for the SK Plaque as reported in the last minutes will be presented at the next General meeting for discussion and/or adoption. Under the discussion of other business, Pete Perata, KA6SHE will be invited to the next Board meeting to discuss the Adopt-A-Highway program for possible presentation to the a General meeting in the future. H.T. Payne, KB6WU will also be invited to the next board meeting to discuss the possible creation of an MDARC scholarship fund.

The schedule of Board Meetings is as follows:

May 24th- Tom Seabury's house
June 21st- Dick Schulze's house

The meeting was adjourned at 8:20 PM.

Respectfully Submitted,
Tom Seabury, Secretary, KC6SYG @ NNY BBS

WI6O: EMPLOYEE OF THE YEAR

One of our long-term club members was given a rare honor by Systron-Donner, Safety Systems Division. At the end of each fiscal year, the staff chooses one employee that has most closely represented the excellence that the company strives to attain. On April 16 they named John Percival, WI6O, Systron Donner Employee of the Year.

John works as a Project Engineer, developing automated fire detection and suppression systems for industrial applications. These systems are custom built for gas turbine power generators (electrical utility type), and for offshore oil platforms. His duties in the last year have included several trips to the Far East on company business. Several weeks on an oil platform in the South China Sea is not exactly a Club Med vacation, but this is the kind of thing John does cheerfully on a routine basis.

John received several gifts along with the honor, including a new leather attaché case and a new HP-48 to replace the old battered ones he has relied on.

Glen W. Richerd, KC6TNF @
WA6HAM.#NOCAL.CA.USA.NA --

June Horseman's Trailride

The Tri-City Trailblazers are hosting the first West Coast competition for the International Arabian Horse Association on Saturday, June 26, 1993. This event will be at the Sunol Regional Park. At least six (6) amateur radio operators will be needed to provide communications between ride officials, judges, veterinarians and horse ambulances (trailers). Operators with four wheel drive vehicles may be able to gain access to normally closed areas during this event. Contact Joel Butler, Jr., KM6KS, at 827-0855

Joe Gregory, WA6QN

Field Day

The Field Day Committee is meeting on a fairly regular basis now. If you're interested in participating in the planning and implementation of this great event, contact Lauren Styles, WA6CIE, at 510-676-2186.

Field Day is held on the last weekend of June, June 24, 25, and 26, on the peak of Mount Diablo. It's a great weekend, an excellent opportunity for new HAMs to operate under the club call on frequencies not normally covered by their license and a truly social event not to be missed. Camping overnight is allowed. Did you know that the area that be observed from the top of Mount Diablo on a clear day is one of the greatest in the world? The view on a clear night is spectacular! Even if you can't spend the weekend, come on up for a few hours on Saturday or Sunday. It will be worth it.

Editor

THANKS FOR THE HELP!

I would like to take this time to thank all of the people who put forth a tremendous effort to see to it that our Spring Auction was a success, although attendance was down from previous years.

To all of the stalwart regulars to whom I can always turn to for advice and direction, thank you.

To all of the new faces who took an active roll for the first time, we look forward to working with you again.

And, of course, last but not least, a special thanks to Art Mayhoff for taking charge of things when I was called out of town on auction night. Along with that, a very large thank you to Paul Gerard who jumped in at the very last moment and really helped bail us out of a very tight situation. Thanks Paul!

Thank you to each and every one of you and I look forward to working with you next time around.

Dennis C. Fuller
Auction Chairman

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HIDDEN TRANSMITTER NEWS

Confessions Of A Novice Transmitter Hunter!

It had been another long and mentally grueling day at the office. The City was a turbulent quagmire of tired and ruffled bodies as I fought my way on to another overcrowded BART train. As I was soothed by the "gentle jostling" of the train and persistent snores of the dozing commuters, I realized that tomorrow would be an early breakfast with the Pacificon '93 Committee. So much for sleeping in.

Home at last. My immediate plans of a cold "Pepsi" and a quick preview of the day's mail (bills) were distracted by the persistent blinking of that small, but bright green LED on my TNC. Someone had left a message in my "mailbox" and that had to be more intriguing than what my Visa bill had to report. I quickly hit the master switch on the PC and anxiously awaited for initialization of Packet. It was Dennis Fuller, KC6QHH. Well, Dennis is not known for lengthy, thought provoking, stimulating Packet messages, but what the heck, neither is American Express. Dennis was inviting me to join Kent Barham, KD6JAC, and him for the monthly T-hunt on Saturday evening. Sunday was Easter and what better way to spend Saturday evening than trying to find the "bunny". I quickly type off an acceptance of the challenge with an inquiry as to which was considered more sporting for rabbits; a 22 caliber or 12 gauge? A Pacificon Meeting in the morning and T-hunting at night; this was going to be a HAM weekend.

After the morning Pacificon meeting, Kent and I met Dennis in the early afternoon for a quick course in T-Hunting from one of the masters of the sport (at least that's what he said) Dwane McGlothlin, N6SPX. After deciding that Kent's Honda would be a good choice (the first of many mistakes) for installing the Doppler receiver and antennas, Dwane proceeded to give Kent and myself some quick experience sniffing out the rabbit with a hand held beam and field strength meter. It's amazing how creative he could be in hiding the rabbit in his yard, but honestly, I still think that the top of his antenna tower should have been off limits. You should have seen Dwane and Dennis howl with laughter as they jerked Kent and I back and forth across his front yard by periodically keying up his hand held on the rabbit's frequency. We were sure he'd tied the @#%& thing to the cat for a while. We were to find out later that this was actually very valuable experience for T-Hunting.

That evening the three of us met at the pre-determined starting point and helped sign in participants. Mean while the master T-Hunter himself was busy being the rabbit for the evening as Rich Shapee, WA6HQJ, was out of town. As I looked over the competition my eyes were drawn to the Volvo station wagon with the \$10,000 spectrum analyzer on the front seat. Jim Tittle, KC6SOE, and Keith Lattin, N6PMF, at play again. I wondered if the car drove it self yet. My thoughts were interrupted by the sound of excitement as someone exclaimed "The rabbit's on the air". Others participating this event were Rich, KN6FW, Jeff, KD6TOJ, Glen, KC6TNF, Jim, N6BHX, Jean, N6CGE, Pete, KD6CNV and Rob, KD6KGZ.

Dennis, Kent and I quickly set up our gear and took a bearing, and yet another bearing...and yet another bearing. I suggested that maybe we should just take an average of the readings. My cohorts were not in a humorous mood. After properly adjusting the attenuation, we were able to get a good bearing. As I glanced around I could not help noticing that all the other competitors were already gone. "Don't worry" advised Dennis. "It's not a race and we got plenty of time before 9:00 PM". OK, time to plot the bearing on the map. Who brought the map? A quick trip to the corner store solved that oversight. OK, who has a pencil? Who brought a protractor? Who brought a ruler? The corner store saw a quick and brisk rise in business that night. "Say what are you guys doing with that strange looking gear out there in the parking lot?" asked the store clerk. "It's not dangerous is it?" Sorry, but we're with the government and can't comment" was Kent's reply. The store clerk's sense of humor was definitely missing as he grabbed our money.

OK, now we had all tools in hand and proceeded to plot our course. Let's see, it was 30 degrees off magnetic North and here is north on the map. Piece of cake, however, somewhere in the back of my mind I sensed that we had just made another mistake, but couldn't quite put my finger on it. Now what had they always taught us in Basis Navigation 1A? Into the car we piled, Dennis in the back with the Doppler, Kent at the wheel and me riding shotgun with the map. We fired up the Doppler and the Honda only to hear the greatest Japanese alternator whine ever heard. During testing earlier that afternoon we had never actually started the Honda. I'll never forget Dennis sitting in the back seat, receiver in hand, hostile look in face and eyes, muttering TORA, TORA, TORA. Plan B. Let's follow the bearing and take periodic readings with the hand held field strength meter. Hey guys, is it really 8:00 PM already?

Our first stop proved another challenge as it was now quite dark and we couldn't see the meter let alone read it. Who brought a flashlight? A quick search of the Honda turned up a small Mag Light with dull batteries. It would suffice. As we followed our original bearing we notice that the position of the rabbit kept falling further to the South. Never mind, the Master himself had told us that the first rule of T-Hunting is believe your initial bearing above all else. At a quarter to 9:00 it was clear that that we closer to the Rabbit, but quite north of its true location. By now the signal was strong enough to over ride the alternator noise on the Doppler. A quick vote and we threw out the first rule and drove to the rabbit's general vicinity. The Master was clever. Once we had the approximate location there was only one way in. Valuable mileage was added to the odometer looking for the entrance. Once there, Dwane's valuable training earlier that afternoon paid off. Kent and I walked right to the rabbit after only two bearings.

So what was the big navigational error of the evening? As most of you have realized by now, magnetic north is not true north as indicated on regular maps. Magnetic north in this area is approximately 17 degrees south of true north. Is T-Hunting fun? You bet and the pizza and "Pepsi" afterward is good, too. So how did we do? Out of six contestants we came in third. Not bad for what seemed to be the Larry, Mo, and Curley of T-hunting. How did the guys with the \$10,000 spectrum analyzer do? Their back in the laboratory analyzing what when wrong.

Greydon Hicks, KC6SLE

MEMBERSHIP DIRECTORY UPDATE

by George Jones, KI6YK

It is with great pleasure that we welcome the following new members:

CASAZZA, Les, Jr.; KB6TGI, Novice
2944 Ponderosa Dr., Concord, CA 94520
(510)798-9239(h)

COUSE, Eric E.; SWL; 110 Las Vegas Rd., Orinda,
CA 94563; (510)254-4569(h)

HATCH, David P. (Dave); KA6AOR, Technician
3716 Manacor Ct., San Ramon, CA 94583
(510)830-9045(h)

MC DONALD, John; KD6QLH, Technician
330 Gilger St., Martinez, CA 94553
(510)228-8290(h), (510)525-2202(w)

SANNEBECK, Terry; KD6RVI, Technician
1533 Lipton Street, Antioch, CA 94509
(510)757-9676(h), (510)633-3467(w)

SPARKMAN, Jane M.; KD6RVH, Technician
317 Wimbledon Rd., Walnut Creek, CA 94598
(510)939-5727(h)

SPARKMAN, John C.; KD6RVG, Technician
317 Wimbledon Rd., Walnut Creek, CA 94598
(510)939-5737(h)

The following member renewed too late to make it into the 1993 Membership Directory:

NURSE, Eric A.; SWL; 110 Brookside rd., Orinda, CA 94563; (510)254-0597(h)

Congratulations to **Brian James** on receiving his Technician's license and call: KD6TPN.

Please note that the work phone number for **Larry Kaye** in the Directory is incorrect. It should read (510)602-5182. Sorry about that!

In order for our directory information to be reliable, we need to have you inform us right away of any changes in your status. Be sure to let the Membership Chairman know at the Club P.O. Box.

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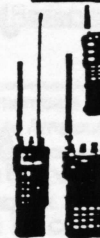
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Called at 11am - 1pm - 3pm

Activities

Dealer Sales - Amateur Radio Supply
Seminars
Swap Tables
V.E. Exams
Snack Bar

July 24, 1993 Saturday

Hours: 9:00-5:00

Junior High School North Bend, OR

North Bend is located on the Oregon Coast (Highway 101) about
120 miles North of Brookings and about 230 miles South of Astoria.

Admission: \$4.00 Pre-Register \$5.00 At The Door

Tables: \$10.00

Free R.V. Parking All Weekend

For More Information Call (503) 396-4479

Coos County Radio Club P.O. Box 3494 Coos Bay, OR 97420

Talk in on 146.01/.61 - K7CCH

The Mount Diablo Amateur Radio Club

P.O. Box 23222
Pleasant Hill, CA 94523

Meetings:

Third Friday Each Month
8:00 PM / 2000 hours
Our Savior Lutheran Church
1035 Carol Lane, Lafayette, CA

Club Officers

President:

Dick Schulze, AA6DL
(510)935-5000

Vice President:

Dick Tomsik, KJ6YE
(510)825-1336

Secretary:

Tom Seabury, KC6SYG
(510)837-4433

Treasurer:

Stan Christian, WU6P
(510)672-0330

Membership Chairman:

George Jones, KI6YK
(510)837-9316

Emergency Coordinator:

John Stuart, KM6QX
(510)283-2797

Directors:

Dick Brown, KT6X
(510)676-9048
Larry Gansz, KB2GV
(510)356-2411

MDARC-PACIFICON HOT LINE

(510)932-6125

Contra Costa County ARES/RACES Nets

Thursdays, 1900 Hours

Central County - 145.680/s

James House, KA6IVF
(510)372-0345

East County - 146.535/s

Bill Hall, KB9M
(510)778-0977

South County - 146.355/(100 pl)

George Jones, KI6YK
(510)837-9316

West County - 145.110/-

Robert Hughes, N6SPY
(510)527-7048

QSY to 147.735/- at 1920 Hours
Meeting of all County
ARES/RACES Nets

The Rocky Ridge Repeater Group

P.O. Box 23222
Pleasant Hill, CA 94523

Next Meeting:

Third Wednesday Of Odd Months
8:00 PM / 2000 hours
Stonebrook Convalescent Center
4367 Concord Blvd., Concord, CA

Club Officers

Chairman:

Dwane McGlothlin, N6SPX
(510)798-2868

Technical Chairman:

Mike Burke, KB6RMT
(510)682-7296

RRRG Repeaters

147.060/(100 pl)
224.780/-(077 pl)
441.325/(100 pl)
ATV - Input - 1253.250
Output - 427.250 (Cable CH 58)

RRRG Nets

Phone Net - Thursdays
1930 Hours, 147.060/(100 pl)
Net Control: Jay Caldis, KT6Y
ATV Net - Thursdays
2000 Hours, Net Control:
Mike Burke, KB6RMT,
Ait.: Don Smith, W6NKF,
Technical Net - Sundays
1930 Hours, 147.060/(100 pl)
Net Control: Jeff Jones, AB6MB

Contra Costa County Emergency Services HF Net

First Thursday following
first Wednesday,
2000 Hours, 3.895 MHz
Net Control:
Hank Berriman, W6ZHY, AEC

Carrier

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4517 Shellflower Ct., Concord 94518
(510)798-1251
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Labels: George Jones, KI6YK

Sheriffs' Uniform Reserve

Clay Yale, N6YBQ
(510)228-8223

The Carrier is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). This publication is open to all members of MDARC and it is the policy of this Editor to publish all articles submitted by the membership as long as such articles are not obscene, pertain to Amateur Radio, are of interest to the members of MDARC and space is available. Articles are due by the first of each month and are accepted on a first come, first in basis. Articles should be submitted by packet, KC6SLE @ KI6WE.#NOCAL.USA.NA or packet mailbox, KC6SLE-1 or by modem to the Doug Smith's No Name Yet bulletin board, File area #23, at (510) 827-5714 or delivered to the Editor in ASCII format on either 5.25" or 3.5" computer disk. The standard font is Arial 9 point. The Editor's address can be found in the Carrier or MDARC Membership Directory. Articles published in the Carrier may be reproduced provided that such reproduction credits both MDARC and the author of the article. Copyrighted articles will not be accepted for publication in the Carrier.

CALENDAR OF EVENTS		
Livermore Swapmeet	Las Positas College Livermore	First Sunday Each Month All Year, 7 AM to Noon
RACES Monthly Meeting	State OEC, Civic Dr. Pleasant Hill	First Wednesday , Every Month
MDARC T-Hunt	Location TBA	Second Saturday of each month.
RRRG General Membership Meeting	Stonebrook Convalescent Center, 4367 Concord Blvd, Concord	Wednesday, May 19, 1993 8:00 PM
MDARC GM Meeting	Our Savior Lutheran Church 1035 Carol Lane, Lafayette	May 21, 1993 8:00 PM
Trialride - Tri-City	Sunol Regional Park	June 26, 1993
Deadline for June Carrier Articles	NA	Monday June 1, 1993
Sunnyvale VE Exams	Concord	June 6, 1993
MDARC Field Day	Mt. Diablo Park	June 25 - 27, 1993
ARRL National Convention	Huntsville, Alabama	August 13-15, 1993
Pacificon '93	Concord Hilton	October 22-24, 1993

The Carrier
a newsletter of the
Mount Diablo Amateur Radio Club
P.O. Box 23222
Pleasant Hill, CA 94523



FIRST CLASS MAIL



MDARC GM Meeting is May 21, 1993!

RRRG MEETING IS MAY 19, 1993! DON'T FORGET - NEW LOCATION!